Mac Pro

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This article is about the line of computers. For the computer introduced in 2006, see Mac Pro (Mid-2006).

Mac Pro is a series of high-performance workstation computers designed, manufactured, and sold by Apple Inc. since 2006. The Mac Pro, a tower configuration, is the successor to the Power Mac G5 and runs macOS. It competes directly with the Dell Precision, HP Z series, and Lenovo ThinkStation workstations. The Mac Pro is part of the Mac family of computers and was announced at the same time as the Mac mini.

The Mac Pro was released in August 2006 as the Mac Pro (Mid-2006). It was updated in January 2009 to the Mac Pro (Early 2009). It was replaced in April 2012, by a dual-Xeon Quad-core Nehalem model, which was updated in July 2010. The Mac Pro (Mid-2012) was released in October 2012 and was discontinued in December 2013 with no hardware updates.

In December 2019, Apple released the second-generation Mac Pro, as well as a redesigned Pro Display XDR. The new Mac Pro is a modular tower with a design reminiscent of the 2006 Mac Pro. It was released in December 2019 with Intel Xeon W processors and AMD Radeon Pro Vega II GPUs. The Mac Pro has been updated twice, in March 2020 and March 2021, with new processors, faster storage, and an MPX port.

Apple's Mac Pro is the only Mac computer that is officially supported by Boot Camp, which allows Windows to be installed natively.

Mac Pro (Late 2013)

Also known as	Trash can Mac Pro, cylinder Mac Pro
Developer	Apple Inc.
Product family	Mac
Type	Workstation
Release date	December 19, 2013 (8 years ago)
Discontinued	December 10, 2019 (2 years ago)
Operating system	macOS
CPU	Intel Xeon E5 quad-core, hexa-core, octa-core
Memory	Mac Mini, Mac Pro
Predecessor	Mac Pro (Mid-2012)
Successor	Mac Pro (2019)

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Timeline [Timeline]

Apple sold Intel-based workstations in the 2000s (Powered by Intel) Power Mac G5 (Late 2005) and Mac Pro (Mid-2006) before the Mac Pro was introduced in August 2006. The Mac Pro (Mid-2006) was updated in January 2009 to the Mac Pro (Early 2009). Apple released the Dual-core Nehalem Mac Pro (Mid-2010) in July 2010 and the Quad-core Nehalem Mac Pro (Mid-2012) in October 2012. The Mac Pro (Late 2013) was announced in June 2013 and released in December 2013, during the Power Mac G5 era the machines in the Mac line-up ranged in price from $1,999 to $3,299. The Mac Pro (Mid-2006) was the first Mac to use Intel Xeon processors, and the first Mac to use Intel Core 2 Duo processors. The Mac Pro (Mid-2006) was the first Mac to use Serial ATA (SATA) hard drives, and the first Mac to use Fully Buffered DIMM (FB-DIMM) memory. The Mac Pro (Mid-2006) was the first Mac to use Apple's SuperDrive manufactured by Matshita (Panasonic) that could write to dual-layer DVD discs.

2006

The Mac Pro (Mid-2006) was announced on August 7, 2006, at Apple's Worldwide Developers Conference keynote address by Steve Jobs. It was released on August 30, 2006, and was the first Mac to use Intel Xeon processors. Previously, Apple featured Xeon models in the niche "tweaking" of its Power Mac desktop line. The Mac Pro (Mid-2006) was the first Mac to use Intel Core 2 Duo processors. It was also the first Mac to use Serial ATA (SATA) hard drives, and the first Mac to use Fully Buffered DIMM (FB-DIMM) memory. The Mac Pro (Mid-2006) was the first Mac to use Apple's SuperDrive manufactured by Matshita (Panasonic) that could write to dual-layer DVD discs. The Mac Pro (Mid-2006) was the first Mac to use Apple's Remote, which was introduced in October 2005 with the iSight camera for the iMac G5 (iSight).

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2009

The Mac Pro (Early 2009) was announced on February 24, 2009, at Apple's Worldwide Developers Conference keynote address by Steve Jobs. It was released on March 18, 2009, and was the first Mac to use Intel Xeon 5500 processors. It was also the first Mac to use Error-correcting code memory (ECC RAM), and the first Mac to use Apple's AirPort Extreme 802.11n (draft 2.0) wireless networking. The Mac Pro (Early 2009) was the first Mac to use Apple's Bluetooth 2.1+EDR